

REMARKS

Applicants amend claims 1, 2 and 5-7. Claims 1-13 are all the claims pending in the application. Claim amendments are at least supported by page 10, lines 1-9 of the specification.

Claim rejections under 35 U.S.C. § 102(a)

Claims 1-13 are rejected under 35 U.S.C. § 102(a) as allegedly being anticipated by Johansson (WO01/28168A). Applicants traverse the rejection for at least the following reasons.

Claim 1

Claim 1 recites, *inter alia*, “sending a paging request to said mobile station by means of the radio access network and, on reception by said radio access network of a response to said request sent by the mobile station, setting up a downlink access to send the data to said mobile station.” Applicants respectfully submit that Johansson does not disclose these features of claim 1 for at least the following reasons.

Johansson discloses that a network server that wants to transfer packet data to a mobile communication station requests (sends a message) the mobile station to set up a packet data protocol connection with the server. In reply to the received request (message) the station identifies itself to the packet radio network, activates a packet data service in the message (i.e. short message) provided by the packet network and establishes a PDP connection. However, Johansson does not disclose sending a paging request to the mobile station by means of the radio access network and, on reception by said radio access network of a response to the request sent by the mobile station, setting up a downlink access to send the data to the mobile station.

Specifically, Johansson discloses that the network server sends messages to the mobile station using a message service and the mobile station extracts the network data address and establishes a PDP connection with the network server. In Johansson, if data to be transferred to a

mobile station is received by the radio access network (directly, i.e., without any previous step of sending a paging request to the mobile station), this means that the mobile station location is known, and thus the radio access network entity to which these data should be sent is known.

On the contrary, the claimed invention recites, when data to be transferred to the mobile station are received by the radio access network, sending a paging request to the mobile station. This, according to an exemplary embodiment, enables to solve the technical problem as described in the description, in particular the technical problem raised by downlink and uplink access for a same mobile station substantially at the same time.

Accordingly, Applicant submits that claim 1 is not anticipated by Johansson since Johansson does not disclose each and every feature as recited in claim 1. Thus, Applicant respectfully requests the Examiner to withdraw the rejection of claim 1.

Claim 6

Claim 6, recites subject matter analogous to claim 1, and therefore is allowable at least for the similar reasons claim 1 is shown to be allowable.

Claims 2-5 and 7-13

Applicant submits that claims 2-5 and 7-13 depend from one of the independent claims that have been shown to be allowable, and therefore are allowable at least by virtue of their dependency.

With regard to claim 2, Applicant submits that Johansson does not disclose that “said paging request requires said mobile station to send said radio access network an uplink access request and, on receipt of said request, network resources for setting up said uplink access are assigned so that said mobile station can send said response to the paging request over that uplink access.”

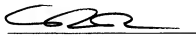
Specifically, in page 5, line 29 - page 6, line 26, Johansson discloses that the network server requests the mobile station to set up a PDP connection via a digital radio communication network by sending a message to the mobile station. In reply to the received message, the mobile station identifies itself to the packet radio network, activates a packet data service provided in the message and establishes the PDP connection. However, there is no disclosure of the paging request requiring the mobile station to send an uplink access request, and on receipt of the request, network resources for setting up the uplink access are assigned so the mobile station can send the response to the paging request over that uplink access.

Conclusion

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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